

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A broadcast receiver comprising:
 - a. a power supply having a power-supply output terminal; and
 - b. a broadcast interface circuit including:
 - i. an interface-circuit input terminal adapted to receive a plurality of broadcast communications signals ~~on the tuner input terminal~~, each signal modulated about a selected carrier frequency;
 - ii. a tuner having a tuner input terminal ~~connected~~ coupled to the interface circuit input terminal, wherein the tuner ~~is adapted to select~~ one of the signals and provides the selected signal on a tuner output terminal;
 - iii. a wake-up sensor having a sensor input terminal ~~connected~~ coupled to the interface circuit input terminal and a wake-up-sensor output terminal, wherein the wake-up sensor ~~being adapted to produce~~ a wake-up signal on the wake-up sensor output terminal directly in response to receiving a first selected signal; and
 - iv. a wake-up switch having a wake-up-switch input terminal ~~connected~~ coupled to the power-supply output terminal, a wake-up-switch output terminal, and a wake-up-switch control terminal ~~connected~~ coupled to the wake-up-sensor output terminal to receive the wake-up signal, wherein the wake-up switch is closed in direct response to receiving the wake-up signal thereby providing power from the power-supply output terminal to the wake-up switch output terminal.
2. (original) The receiver of claim 1, the wake-up sensor further including a second tuner tuned to a carrier frequency associated with the first selected signal.
3. (currently amended) The receiver of claim 2, the wake-up-sensor further comprising a digitizer ~~connected~~ coupled between the tuner and the wake-up-switch control terminal.
4. (currently amended) The receiver of claim 1, wherein the tuner includes a power terminal ~~connected~~ coupled to the wake-up-switch output terminal.

5. (currently amended) The receiver of claim 1, further comprising a display capable of indicating a power-on condition for the receiver, the display having a power-input terminal ~~connected~~ coupled to the power supply via a second switch.
6. (original) The receiver of claim 5, wherein the display does not indicate a power-on condition in response to the wake-up signal.
7. (currently amended) The receiver of claim 1, further comprising a processor having a processor power terminal ~~connected~~ coupled to the wake-up-switch output terminal.
8. (currently amended) A broadcast communication network comprising:
 - a. a broadcast head-end adapted to broadcast a plurality of signals about a corresponding plurality of carrier frequencies, the signals including an occasional wake-up instruction;
 - b. a plurality of receivers adapted to receive the plurality of signals, each receiver including:
 - i. a power supply having a power-supply output terminal; and
 - ii. a broadcast interface circuit including:
 - (1) an interface-circuit input terminal adapted to receive a plurality of broadcast communications signals ~~on the tuner input terminal~~, each signal modulated about a selected carrier frequency;
 - (2) a wake-up sensor having a sensor input terminal ~~connected~~ coupled to the interface circuit input terminal and a wake-up-sensor output terminal, wherein the wake-up sensor ~~being adapted to~~ produces a wake-up signal on the wake-up-sensor output terminal directly in response to receiving a first selected signal; and
 - (3) a wake-up switch having a wake-up-switch input terminal ~~connected~~ coupled to the power-supply output terminal, a wake-up-switch output terminal, and a wake-up-switch control terminal ~~connected~~ coupled to the wake-up-sensor output terminal to receive the wake-up signal, wherein the wake-up switch is closed in direct response to receiving the wake-up signal thereby providing power from the power-supply output terminal to the wake-up switch output terminal.

9. (original) The network of claim 8, the wake-up sensor further including a tuner tuned to a carrier frequency associated with the first selected signal.
10. (currently amended) The network of claim 9, the wake-up sensor further comprising a digitizer ~~connected~~ coupled between the tuner and the wake-up-switch control terminal.
11. (currently amended) The network of claim 9, the interface circuit including a second tuner having a tuner input terminal ~~connected~~ coupled to the interface input terminal, wherein the second tuner is adapted to select one of the signals and provide the selected signal on a tuner output terminal.
12. (currently amended) The network of claim 11, further comprising a processor, the interface circuit further comprising a digitizer ~~connected~~ coupled between the tuner and the processor.
13. (currently amended) The network of claim 11, wherein the second tuner includes a power terminal ~~connected~~ coupled to the wake-up-switch output terminal.
14. (currently amended) The network of claim 8, further comprising, for each receiver, a display capable of indicating a power-on condition for the receiver, the display having a power-input terminal ~~connected~~ coupled to the power supply via a second switch.
15. (original) The network of claim 14, wherein the display does not indicate a power-on condition in response to the wake-up instruction.
16. (currently amended) A method of reducing power usage in a broadcast receiver, the method comprising:
 - a. monitoring, in a standby mode, a user-input device for a power-on instruction;
 - b. indicating a power-on condition for the receiver in response to the power-on instruction;
 - c. monitoring the user-input device for a power-off instruction;

- d. indicating a standby condition for the receiver in response to the power-off instruction; **and**
 - e. monitoring, with the receiver in the standby condition, a broadcast communication channel for a wake-up instruction; **and**
 - f. providing power to a first portion of the receiver and indicating a standby condition for the receiver while receiving a receiver update, in direct response to receiving the wake-up instruction.
17. (canceled)
18. (currently amended) The method of claim [[17]] 16, further comprising, upon receipt of a power-on instruction in the standby condition, providing power to the first portion and a second portion of the receiver and indicating the power-on condition.
19. (original) The method of claim 16, wherein indicating a power-on condition includes providing a video signal to a video display device.
20. (original) The method of claim 16, wherein the user-input device comprises an infrared receiver.
21. (currently amended) A broadcast receiver comprising:
- a. means for monitoring a user-input device for a power-on instruction;
 - b. display means for indicating a power-on condition for the receiver in response to the power-on instruction;
 - c. means for monitoring the user-input device for a power-off instruction;
 - d. means responsive to the power-off instruction for indicating a power-off condition for the receiver; and
 - e. means for monitoring a broadcast communication channel for a wake-up instruction with the receiver in the power-off condition, wherein the means for monitoring the broadcast communication channel includes a power switch for providing power to a processor in direct response to the wake-up instruction.
22. (canceled)

23. (currently amended) The receiver of claim ~~[[22]]~~ 21, wherein the display means indicates the power-off condition when the power switch provides power to the processor in response to the wake-up instruction.